

United States of America
Department of Transportation — Federal Aviation Administration
Supplemental Type Certificate

Number SA4238SW

This certificate, issued to S-TEC Corporation
Route 4, Building 946
Wolters Industrial Complex
Mineral Wells, Texas 76067

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product — Type Certificate Number: 3A13

Make: Cessna

Model: 182Q, 182R

Description of Type Design Change: Installation of S-TEC System 60 Two Axis Flight Guidance System, Model ST-016, with Optional Autotrim System according to Bulletin No. 116, Revision 2, dated 7-18-81 and Master Drawing List No. 9217, Revision B, dated 7-18-81 with Optional Flight Director Steering Horizon according to Bulletin No. 120, dated 6-02-80 and Master Drawing List No. 9209, dated 6-02-80, or later FAA approved revision. (28 Volt System)

Limitations and Conditions: See Continuation Sheet, page 2 of this STC.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: September 12, 1980

Date reissued: 6/22/81; 8/26/81
Revision 2

Date of issuance: November 20, 1980

Date amended:



By direction of the Administrator

[Signature]
(Signature)
Don P. Watson
Chief, Engineering and Manufacturing Branch

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

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(Continuation Sheet)

Number SA4238SW

Revision 2

Limitations and Conditions:

1. FAA Approved Supplemental Flight Manual P/N 8915, dated 11/20/80, is required for Cessna Model 182Q, with S-TEC System 60, Two Axis Automatic Flight Control System, Model ST-016.
2. FAA Approved Supplemental Flight Manual P/N 8915-1, dated 6/22/81, is required for Cessna Model 182Q with S-TEC System 60, Two Axis Automatic Flight Control System, Model ST-016, with or without Optional Autotrim System;

or
FAA Approved Supplemental Flight Manual P/N 8915-2 dated 8/26/81 is required for Cessna Model 182Q, S/N 18266590 and BELOW with S-TEC System 60, Two Axis Automatic Flight Guidance System, Model ST-016, with or without Optional Autotrim System;

or
Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8974 dated 8/26/81 is required for Cessna Model 182Q, S/N 18266591 and UP with S-TEC System 60, Two Axis Automatic Flight Guidance System Model ST-016, with or without Optional Autotrim System.
3. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8965, dated 6/22/81, is required for Cessna Model 182R with S-TEC System 60, Two Axis Automatic Flight Control System, Model ST-016.
4. Compatibility of this modification with other previously approved modifications must be determined by the installer.

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.